

STUDY REPORTS:

1. Title: Evaluation of Renal Function in Normal Thai Subjects

Principal Investigator: Pensri Makaranond, M.D.

Associate Investigators: Chanyo Benyajati, M.D.
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Objective - To define some of the parameters of renal function in "normal" adult Thai subjects.

Progress - Volunteers without evidence of cardiovascular-renal disease as determined by detailed history, physical examination, chest X-ray, EKG, IVP and appropriate laboratory screening tests are being studied. The studies include diurnal variation of water, electrolytes, creatinine, and osmolality; concentrating ability; PSP excretion and clearances of phosphate, inulin, PAH and creatinine. Thus far 54 patients have been studied and analysis of the data for reporting is underway.

2. Title: Evaluation of body "Compartments" in Normal Thai Subjects.

Principal Investigator: Craig J. Canfield, Maj. MC

Associate Investigator: Chanyo Benyajati, M.D.

Objective - The objective of this study is to measure, by isotope dilution techniques, a variety of body "Compartments" in normal Thai subjects.

Progress - Numerous additional single "Compartment" studies have been performed during the period of this report. Multiple isotope dilution studies have now become possible because of the receipt of additional equipment. In the meantime emphasis has been placed on determining normal values for plasma volume, red blood cell volume and total body water. The results thus far suggest normal values will be higher in relation to body weight than Western standards.